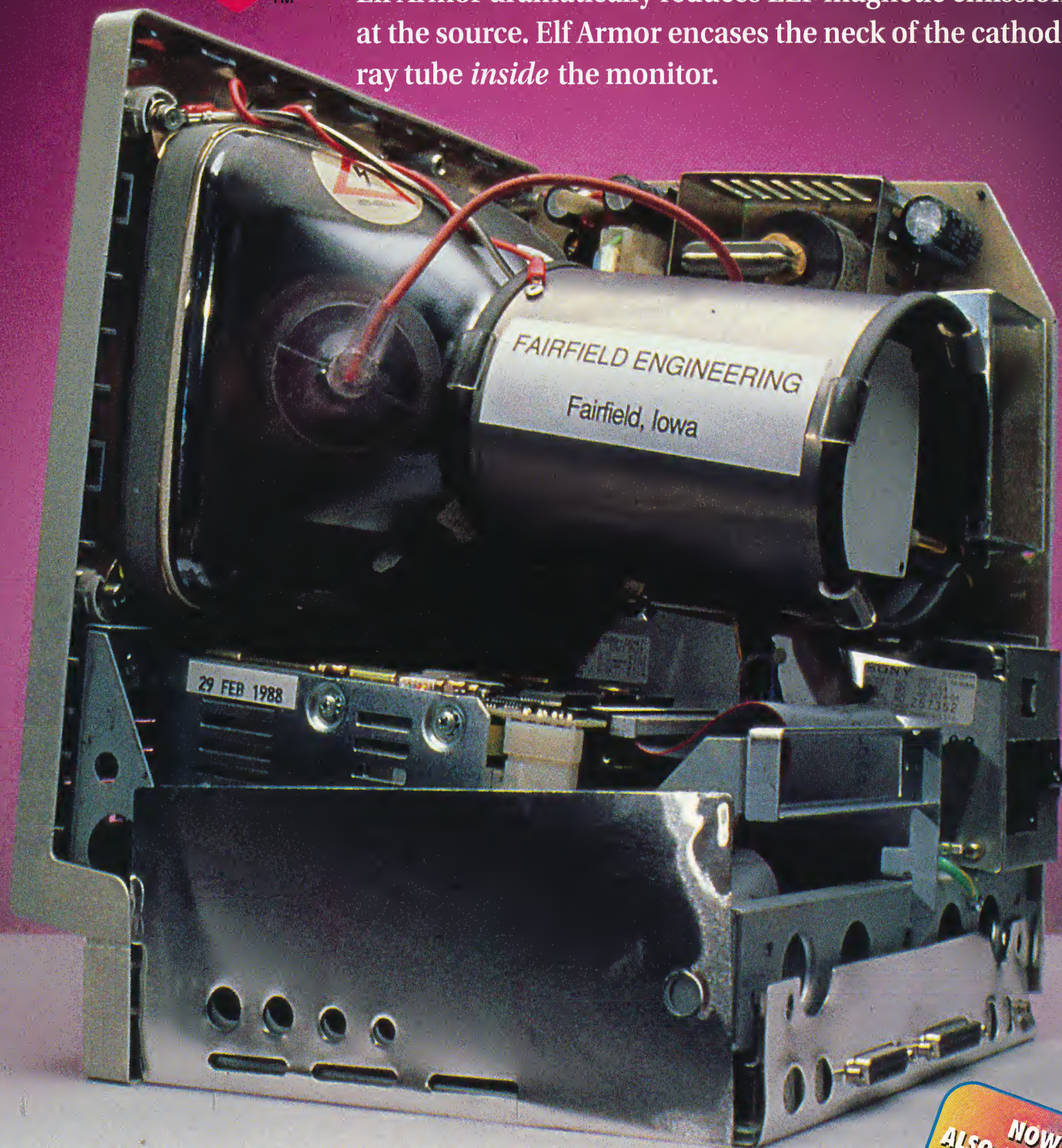




ELF ARMOR™

FOR SAFE COMPUTING

Elf Armor dramatically reduces ELF magnetic emissions at the source. Elf Armor encases the neck of the cathode ray tube *inside* the monitor.

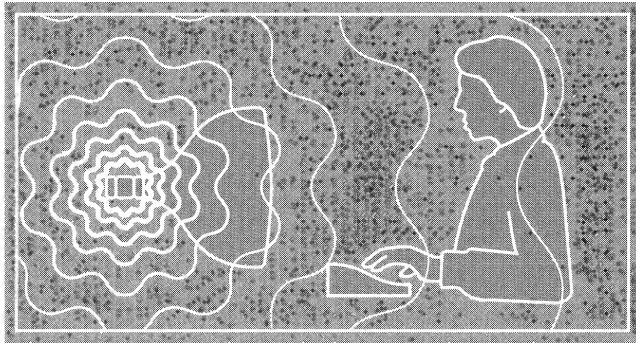


- Reduces possible ELF health risks
- Easy to install

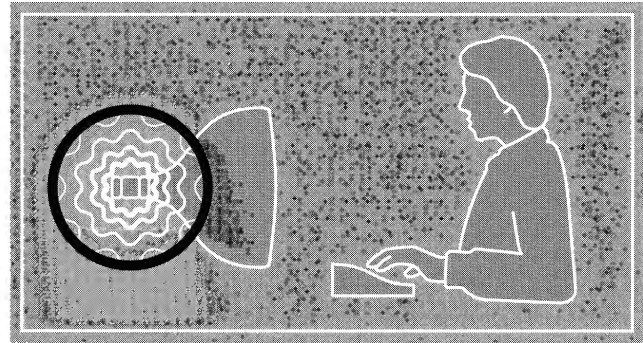
NOW
ALSO AVAILABLE
FOR 13"
COLOR MONITORS



ELF ARMOR™



Before installation of Elf Armor



After installation of Elf Armor

RISKS TO COMPUTER USERS

The Environmental Protection Agency recently published research on the biological effects of ELF magnetic emissions. ELF, or extremely low frequency magnetic field emissions, have been correlated with cell mutation and cancer in humans. Over 20 studies have pointed to the magnetic field as the culprit.

INTERNAL ARMOR

External screens help reduce a computer user's exposure to ELF electric field emissions. But, up to now, no product has been able to block the ELF magnetic field emissions.

Elf Armor is a device that encases the neck of the cathode-ray tube inside compact Macs and 13" monitors. Elf Armor effectively blocks magnetic ELF radiation at the source. It can be installed in ten minutes.

STUDY RESULTS

According to Macworld, Mac monitors produce significant levels of ELF magnetic emissions. These findings were confirmed by SafeEnvironments, an independent California testing lab.

In three separate tests conducted by SafeEnvironments, Iowa State University Electric Power Research Center, and Fairfield Engineering, the effectiveness of Elf Armor against the ELF magnetic field was proved. The chart shows emissions

(in milligauss) before and after the installation of Elf Armor in a Mac SE.

After installation, emissions were below 1 milligauss at 1 foot on all sides of the monitor, well under the Swedish Standard of 2.5 milligauss at 20 in. Similar results were attained even with the more powerful color monitors!

RETROFIT, OR BUNDLE WITH YOUR MACS?

Elf Armor is the cost-effective retrofit solution for millions of unprotected computer users, and an exceptional value-added product for VARs and VADs. It retails at \$79.95 for compact Macs and \$89.95 for 13" color monitors.

MAGNETIC FIELD INTENSITIES WITH AND WITHOUT ELF ARMOR

As measured surrounding a Macintosh® SE by Iowa State University Electric Power Research Center. Figures are in milligauss.

Measurement Direction	Distance (Feet)	Magnetic Field Without Elf Armor			Magnetic Field With Elf Armor		
		Min.	Ave.	Max.	Min.	Ave.	Max.
Front	0	22.2	22.7	23.2	10.0	10.4	10.7
Front	1	2.0	2.2	2.2	0.3	0.5	0.6
Front	2	0.3	0.5	0.6	0.1	0.3	0.4
Front	3	0.2	0.3	0.4	0.2	0.3	0.3
Left	0	31.5	31.9	32.3	13.0	14.5	15.8
Left	1	5.1	5.3	5.6	0.9	1.1	1.2
Left	2	0.9	1.0	1.1	0.1	0.3	0.4
Left	3	0.2	0.4	0.5	0.1	0.2	0.3
Right	0	31.6	32.7	33.6	10.7	11.3	12.2
Right	1	3.9	4.1	4.2	0.6	0.8	1.0
Right	2	0.6	0.8	0.9	0.2	0.3	0.4
Right	3	0.2	0.3	0.5	0.2	0.3	0.3
Back	0	87.1	88.4	90.3	20.1	21.3	22.1
Back	1	3.2	3.4	3.6	0.5	0.7	1.0
Back	2	0.5	0.7	0.8	0.2	0.3	0.4
Back	3	0.3	0.4	0.5	0.3	0.4	0.4
Top	0	31.8	32.4	32.6	14.7	14.9	15.4
Top	1	3.5	3.7	3.8	0.6	0.7	0.8
Top	2	0.5	0.7	0.8	0.1	0.3	0.3
Top	3	0.1	0.3	0.3	0.1	0.2	0.3
Bottom	0	12.9	13.7	14.5	2.5	3.1	3.8
Bottom	1	1.6	1.7	1.9	0.3	0.5	0.6
Bottom	2	0.3	0.4	0.6	0.1	0.3	0.3
Bottom	3	0.2	0.4	0.4	0.2	0.2	0.3

Elf Armor by Fairfield Engineering

P.O. Box 139, Fairfield, Iowa 52556 • 515-472-5551 • Fax 515-472-1413